20020611.ba v03_n349.bam.20020611

>From ???@??? Tue Jun 11 13:27:40 2002 -0500
Message-Id: <200206111827.g5BIROlc006060@sco.theporch.com>
Date: Tue, 11 Jun 2002 13:27:02 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3349

# BOATANCHORS Digest 3349

Topics covered in this issue include:

1) R-1051, I Used it When it was Current
by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
2) in need of manual for AVO
by Arden Allen <gumbear@pacbell.net>
3) Re: in need of manual for AVO
by Avery Comarow <acomarow@usnews.com>
4) EFJ Ranger service note
by "James C. Garland" <4cx250b@muohio.edu>
5) Re: EFJ Ranger service note
by John Mac Aulay <jmac6235@yahoo.com>
6) RE: EFJ Ranger service note
by Don Reaves W5OR <w5or@comcast.net>
7) For Sale Marauder front panel
by Don Reaves W5OR <w5or@comcast.net>
8) Re: EFJ Ranger service note
by Arden Allen <gumbear@pacbell.net>
9) Scariest commercial rig?
by Edward J Knobloch <k4pf@juno.com>
10) Re: Scariest commercial rig?
by Arden Allen <gumbear@pacbell.net>
11) Re: EFJ Ranger service note
by Larry Bearse <lbearse@rcn.com>
12) Re: Do you Have Any Projects on the Bench?
by wb4mnf <wb4mnf@atl.org>
13) Re: Scariest commercial rig?
by Larry Menzel <retire@rconnect.com>
14) Re: Scariest commercial rig?
by "Bill Coleman" <n2bc@stny.rr.com>
15) Re: Scariest commercial rig?
by "John Morris" <moe@email.msn.com>
16) Re: Scariest commercial rig?
by "Joe Watson" <wwatson@mmcable.com>
17) Ed Marriner, W6BLZ (W6XM)
by Lynn Fisk <k5lyn@smithsys.net>
18) F/S SX-28

by Robert Kemp <rkemp@mr.net>

---

Message-ID: <42ECC21B33DFF245BAFAF57274BA5CE50D97ED@stpmse04.ad.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R-1051, I Used it When it was Current
Date: Mon, 10 Jun 2002 09:54:55 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I saw one or two of the fellows on here mention having an R-1051 in the que or on the bench and that got me to thinking... I actually got to use the R-1051 in action back during the Viet Nam war. As best as my memory can recall, which seems to be less each year, the R-1051 receiver and the matching T-827 transmitter may have been the AN/WRC-1. Anyway, the R1051 were the main receivers in the Navy in the early 1970's. I used them for receiving ship/shore teletype as well as copying the 24 hour a day fleet teletype broadcast. I stared at those things for 3 years, sometimes on watch through bleary eyes at 3 a.m. in the morning, sometimes at 7 p.m. I thought they were a great receiver for what we were using them for but they were a pain to use for short wave listening because of the digital tuning. The R-390 was fun for shortwave use. By 1971 anyway, I saw very few R-390's in the fleet. I was on the USS Jouett, USS Okinawa, USS Duluth and each one was chuck full of R-1051's and maybe one or two R-390's.

On the transmitter side, the WRT-1's were the transmitter of choice though there was often a Collins URC-32 in standby.

Best Regards, Scott WA9WFA in Saint Paul Minn

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Date: Mon, 10 Jun 2002 11:59:22 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: in need of manual for AVO
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GXI0009N7G0IQ@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Valvesters;

A friend brought me an AVO CT160, s/n 1269 valve tester with problems. Opening it up revealed to my provincial eyes a truly wondrous machine. Exotic it is but fixin' it needs. Would someone be so kind as to offer assistance in obtaining a manual copy? This instrument is in fine shape and deserves the best treatment possible.  Thankyou.

Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

------------------------------
Message-Id: <4.2.2.20020610155645.00ab47c0@ntpop.usnews.com>
Date: Mon, 10 Jun 2002 16:00:50 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: Re: in need of manual for AVO
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: multipart/alternative;
     boundary="=====================_257870848==_.ALT"

--=====================_257870848==_.ALT
Content-Type: text/plain; charset="us-ascii"; format=flowed

Alan Douglas would be The Man; you can email him at adouglas@gis.net. You'd
like his "Tube Testers and Classic Electronic Test Gear," published last
year ($26 list). And he's a good guy.

Good luck--if ever there was a classic tube tester, that's it.

73, Avery W3AVE in Potomac, Md.

At 11:59 AM 6/10/02 -0700, you wrote:
>Valvesters;
>
>A friend brought me an AVO CT160, s/n 1269 valve tester with problems.
>Opening it up revealed to my provincial eyes a truly wondrous machine.
>Exotic it is but fixin' it needs.  Would someone be so kind as to offer
>assistance in obtaining a manual copy?  This instrument is in fine shape
>and deserves the best treatment possible.  Thankyou.
>
>Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

--=====================_257870848==_.ALT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---            *
*     This post contains a forbidden message format       *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
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* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

--=====================_257870848==_.ALT--

------------------------------
Message-Id: <5.1.0.14.2.20020610190240.03ca4278@admin.muohio.edu>
Date: Mon, 10 Jun 2002 19:26:49 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: EFJ Ranger service note
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
I bought a Viking Ranger sight-unseen a few weeks ago and finally got around to checking it out. Cosmetic-wise it was only about a 6-7, so I wanted to go over it carefully before powering it up. When I got it out of the cabinet I found some wretched-looking mods, and an ugly perf-board that held a couple of diode blocks, intended as solid state replacements for the HV rectifier. After removing the diode board, resoldering some dubious looking connections and replacing a few electrolytics, I powered it up (without any rectifiers), just to check the AC transformer voltages. At this point everything seemed fine.

Then I plugged in new-old-stock 5R4 and 6AX5 rectifiers, attached mike, key, and dummy load and gave it the smoke test. The grid drive peaked up normally, but power output was only about 10 watts and I could only get the plate current up to about 50 mA. Everything else seemed normal, except that the power transformer seemed to run hotter than I expected.

I swapped the 6146, but no improvement. Then I measured the plate voltage and discovered it was only about 400V with no load, dropping to about 350 V with 50mA plate current. I remeasured the xfmr secondary voltage (5R4 removed) and it was 740VAC-0-740VAC.  A bit more checking, and I discovered the prior owner had rewired the filter as a capactitor input filter (shorting the filter choke) with extra capacitance, evidently to get the plate voltage up. This struck me as very suspicious.

At this point, I feared there was either something wrong with the power transformer, or else something was loading down the supply. I zeroed in on the modulation transformer (since the HV is applied to both primary and secondary windings), but it checked out okay (whew!).

To cut to the chase, I eventually discovered that my new 5R4 rectifier was bad. Evidently, the tube was gassy, and was partially shorting the transformer secondary on voltage peaks, thus dropping the d.c. plate voltage. Swapping the tube cured the problem, bringing the plate voltage up to 650V and a healthy 40W output. The power transformer cooled off nicely.

I almost never encounter bad rectifier tubes, and when I do, they usually spark and flash internally. This was a failure mode I've never seen before, but even so I feel like a idiot for not having discovered the problem sooner. Live and learn, I guess.

73,
Jim Garland W8ZR

------------------------------
Message-ID: <20020611010351.91138.qmail@web11507.mail.yahoo.com>
Date: Mon, 10 Jun 2002 18:03:51 -0700 (PDT)
From: John Mac Aulay <jmac6235@yahoo.com>
Subject: Re: EFJ Ranger service note
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="0-174591837-1023757431=:90403"

--0-174591837-1023757431=:90403
Content-Type: text/plain; charset=us-ascii

Jim,
Thanks for two lessons:
1. Just because you think a "new" part is OK, don't leave that our of your search for problems
2. Even real BA pros get trapped by unsuspected problems - I don't feel as badly now for all the time I spent looking at the obvious and not understanding that was the problem.
Thanks for sharing your experiences,
73
Mac, WQ8U
"James C. Garland" <4cx250b@muohio.edu> wrote: Hi Gang,
I bought a Viking Ranger sight-unseen a few weeks ago and finally got around to checking it out. Cosmetic-wise it was only about a 6-7, so I wanted to go over it carefully before powering it up. When I got it out of the cabinet I found some wretched-looking mods, and an ugly perf-board that held a couple of diode blocks, intended as solid state replacements for the HV rectifier. After removing the diode board, resoldering some dubious looking connections and replacing a few electrolytics, I powered it up (without any rectifiers), just to check the AC transformer voltages. At this point everything seemed fine.

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73,
Jim Garland W8ZR

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Do You Yahoo!?
Sign-up for Video Highlights of 2002 FIFA World Cup
--0-174591837-1023757431=:90403
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---           *
*     This post contains a forbidden message format      *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT    *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

--0-174591837-1023757431=:90403--

---

Date: Mon, 10 Jun 2002 20:26:19 -0500
From: Don Reaves W5OR <w5or@comcast.net>
Subject: RE: EFJ Ranger service note
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <GDEHIALJFKJECMCBANPPMEGBCOAA.w5or@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Recently a DX-40 with the same problem landed on the bench with a shorted 5U4 HV rectifier. This one happened to have a replacement Peter Dahl transformer, and the RF chokes in the power line were overheated. Could it be the former owner thought the original transformer was bad and put in a new (expensive) replacment?

Don Reaves W5OR
w5or@comcast.net

---

Date: Mon, 10 Jun 2002 20:37:34 -0500
From: Don Reaves W5OR <w5or@comcast.net>
Subject: For Sale Marauder front panel
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <GDEHIALJFKJECMCBANPPIEGCCOAA.w5or@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Heathkit Marauder HX-10 front panel, with the dial bezel, aluminum circular plate, diamond pointer, and the darker green cast overlay panel for the lower half of the front panel. Heathkit by Daystrom decal. No meter bezel. All is in fair to good shape, except the lower left edge of the front panel is noticeably bent. How or why is a mystery. If anyone can use it let me know. $20 shipped.

Don Reaves W5OR
w5or@comcast.net

---

Date: Mon, 10 Jun 2002 19:38:25 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: EFJ Ranger service note
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GXI00177T03TV@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Aaargh!!

I know it is SCARY to hook up the voltmeter to the high voltage secondary of a transmitter.  800-1000 volts is nothing to giggle over.  But ALWAYS check the power transformer without rectifier(s) plugged in for proper voltage and primary current.  Then monitor the cathode voltage of the rectifier(s) while bringing things up.  Watch the rectifier tube for flashing and, of course, Brother Jim's gas glow.

Remember the ONE HAND RULE (other hand firmly planted in pocket) and DON'T STAND ON A CONDUCTIVE SURFACE (like a concrete floor) when making high voltage measurements.

Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

---

To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 11 Jun 2002 00:39:54 -0400
Subject: Scariest commercial rig?
Message-ID: <20020611.003955.26136.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Edward J Knobloch <k4pf@juno.com>

> Arden Allen had some good tips when working around the HV
> of a transmitter.
> He said it was "SCARY" to hook a voltmeter to the secondary

This got me thinking - which is the SCARIEST commercial rig I've run into?  Hands down: the WRL Galaxy V SSB transceiver. Flip open the hinged lid on the top, and there the finals are, uncaged, with about a sixteenth inch gap between the tube caps and the hinged cover.  800VDC, anyone?
The hinged cover doesn't even have a screw to hold it down - Gravity was good enough.  No HV relay either, the 800V is there whenever the rig is turned on.

Even the exciter stage is pretty "exciting", with 350VDC on some of

the variable capacitor sections, above the chassis, within
easy reach.  They didn't even bother with warning stickers.

Brrr,
Ed Knobloch   k4pf@juno.com

------------------------------

Date: Mon, 10 Jun 2002 23:19:55 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Scariest commercial rig?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GXJ00B5D2WNFW@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Ha!

> This got me thinking - which is the SCARIEST commercial rig
> I've run into?  Hands down: the WRL Galaxy V SSB transceiver.
> Flip open the hinged lid on the top, and there the finals are,
> uncaged, with about a sixteenth inch gap between the tube caps
> and the hinged cover.  800VDC, anyone?
> The hinged cover doesn't even have a screw to hold it down -
> Gravity was good enough.  No HV relay either, the 800V is there
> whenever the rig is turned on.

That was my first rig on the air when I got my ticky in '86.  Still got it
too.  Oh yes, it has a death-trap door on top.  Every time I lift it to
take a peak I can feel the current running through my body.  I just can't
figure out how I'll land.  Great little rig otherwise.

Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

------------------------------

Message-Id: <4.3.2.7.2.20020611063320.00aa8650@pop3.norton.antivirus>
Date: Tue, 11 Jun 2002 06:34:23 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Larry Bearse <lbearse@rcn.com>
Subject: Re: EFJ Ranger service note
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Interesting story, a lesson to us all. I wonder, did you test that
rectifier on a tube tester? If so, what did it show?

73......Larry

---

Message-ID: <3D05DBA7.2050804@atl.org>
Date: Tue, 11 Jun 2002 07:14:47 -0400
From: wb4mnf <wb4mnf@atl.org>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Do you Have Any Projects on the Bench?
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Actually on the bench?

Dentron MLA-2500B conversion to two ex soviet military GI7B triodes. Old filter caps out. Bending sheet metal mounting stuff for new tubes and looking at filter caps in catalogs :-)

Heath SB200 conversion to 6m with one ex soviet GI7B. Tube socket & sheet metal finished. Messing around with fan and vacillating between 6m only or 40-6 band switched. Don't change direction in the middle of a project!

2 x 1U server for colocation as I'm moving to HI and my 'cheap' high speed connection is here in Atlanta. Will run the 199.184.215.0 net name service, mail, and web from matched machines running AA4RM's IMOKTO protocol for redundancy. That guy is a genius if you take the time to listen to him.

I'm selling the shelves and shelves of stuff via online auction and getting very low prices. I'm surprised at how much lower than stuff trades for than on the newsgroups. However, it's easy to keep track of who buys what this way.

Oh, have a single 'soft' tube regen on the bench as well. Messing around with feedback coupling and coils.

-bob
wb4mnf

---

Message-Id: <3.0.6.32.20020611071435.009db290@rconnect.com>
Date: Tue, 11 Jun 2002 07:14:35 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Larry Menzel <retire@rconnect.com>
Subject: Re: Scariest commercial rig?
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'd have to go along with that. My scariest radio was also from WRL, Globe King 400A...same deal, Budd cabinet with the RFdeck on top: finals, tank circuit and HV all within an inch or less of the cabinet top. Open the back door of the cabinet and the B+ was strung from one deck to the next with number 18 hard wire connected with wing nuts...not even HV connectors!

All that and it sounded like a million dollar radio on the air!

Keep a hand in yer pocket guys!

Larry, N0XB

Northfield, MNAt 12:39 AM 06/11/2002 -0400, Edward J Knobloch wrote:
>> Arden Allen had some good tips when working around the HV
>> of a transmitter.
>> He said it was "SCARY" to hook a voltmeter to the secondary
>
>This got me thinking - which is the SCARIEST commercial rig
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>and the hinged cover.  800VDC, anyone?
>The hinged cover doesn't even have a screw to hold it down -
>Gravity was good enough.  No HV relay either, the 800V is there
>whenever the rig is turned on.
>
>Even the exciter stage is pretty "exciting", with 350VDC on some of
>the variable capacitor sections, above the chassis, within
>easy reach.  They didn't even bother with warning stickers.
>
>Brrr,
>Ed Knobloch   k4pf@juno.com
>
>

------------------------------
Message-ID: <001e01c21144$1a29f1c0$0100a8c0@SERVER>
From: "Bill Coleman" <n2bc@stny.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Scariest commercial rig?
Date: Tue, 11 Jun 2002 08:32:50 -0400
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nah,  them volts are safely INSIDE the rig....

The Gross transmitters from the 30's had HV on the front panel!    Metering
was done with a couple of milliameters with a phone plug pigtail sticking
out the front panel. The meter pigtail was plugged into one of a series of
shorting phone jacks that were mounted on insulated bushings.  1500V right
on the front panel.

I recall getting zapped my a National RX while hooking up a speaker,  B+ on
the inocuous looking rear terminal strip - no label of course.
~~~~~~~~~~~~~~~~
Bill Coleman    N2BC
http://home.stny.rr.com/n2bc
----- Original Message -----
From: "Edward J Knobloch" <k4pf@juno.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, June 11, 2002 12:39 AM
Subject: Scariest commercial rig?

> > Arden Allen had some good tips when working around the HV
> > of a transmitter.
> > He said it was "SCARY" to hook a voltmeter to the secondary
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> the variable capacitor sections, above the chassis, within
> easy reach.  They didn't even bother with warning stickers.
>
> Brrr,
> Ed Knobloch   k4pf@juno.com
>
>

------------------------------
Message-ID: <003101c21142$c1495ec0$ae63e43f@JMORRIS2K>
~~~~~~~~~~~~~~~~

```
From: "John Morris" <moe@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Scariest commercial rig?
Date: Tue, 11 Jun 2002 08:23:10 -0400
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_002E_01C21121.391E8690"

This is a multi-part message in MIME format.

------=_NextPart_000_002E_01C21121.391E8690
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Back in the late 60's when I was a teenager, one of my ham buddies had a =
Galaxy V. I'll never forget the day we were messing around with =
different antennas. I was watching the SWR bridge and he was screwing =
the antennas on and off.

All of a sudden, I heard a dull buzzing sound and heard him screaming =
and shaking his hand wildly. Evidently, while reaching behind the Galaxy =
V to change the antenna, he inadvertently laid his hand down on the open =
rf deck for support, not realizing that the top was off. One of the 6HF5 =
?? plate caps burned a hole in his hand.

At least some remnant of that hole is still probably there. That image =
always follows me while operating units outside the case.

John - WB=D8RLD

  ----- Original Message -----=20
  From: Arden Allen=20
  To: Old Tube Radios=20
  Sent: Tuesday, June 11, 2002 2:19 AM
  Subject: Re: Scariest commercial rig?


  Ha!

  > This got me thinking - which is the SCARIEST commercial rig
  > I've run into?  Hands down: the WRL Galaxy V SSB transceiver.
  > Flip open the hinged lid on the top, and there the finals are,
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  > Gravity was good enough.  No HV relay either, the 800V is there
  > whenever the rig is turned on.
  That was my first rig on the air when I got my ticky in '86.  Still =
got it
  too.  Oh yes, it has a death-trap door on top.  Every time I lift it =
to
  take a peak I can feel the current running through my body.  I just =
can't
  figure out how I'll land.  Great little rig otherwise.

  Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net



------=_NextPart_000_002E_01C21121.391E8690
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---             *
*     This post contains a forbidden message format        *
*  (such as an attached file, a v-card, HTML formatting)  *
*    Mail Lists at theporch.com only accept PLAIN TEXT     *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting  *
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------=_NextPart_000_002E_01C21121.391E8690--

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Message-ID: <001801c21169$e07c0e60$6900a8c0@radioroom>
From: "Joe Watson" <wwatson@mmcable.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Scariest commercial rig?
Date: Tue, 11 Jun 2002 12:03:15 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Not exactly on thread, but I recall a pretty scary experience as a youth
with a Handbook PP 807 (actually cheap 1625's) rig.

The final tank tuning capacitor was at HV, including its shaft.  The panel
knob had a (too) long set screw with a head.  Twice, one sleepy morning, I
got one hand on the set screw and one on the chassis and got the 750 VDC
through me.  After the second jolt, I turned off the rig, forgetting about
DX, and climbed back into bed.
```

It is a wonder any of us survived our youth.

Joe
W5WBR
----- Original Message -----
From: "John Morris" <moe@email.msn.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, June 11, 2002 7:23 AM
Subject: Re: Scariest commercial rig?

Back in the late 60's when I was a teenager, one of my ham buddies had a Galaxy V. I'll never forget the day we were messing around with different antennas. I was watching the SWR bridge and he was screwing the antennas on and off.

All of a sudden, I heard a dull buzzing sound and heard him screaming and shaking his hand wildly. Evidently, while reaching behind the Galaxy V to change the antenna, he inadvertently laid his hand down on the open rf deck for support, not realizing that the top was off. One of the 6HF5 ?? plate caps burned a hole in his hand.

At least some remnant of that hole is still probably there. That image always follows me while operating units outside the case.

John - WBÿRLD

> ----- Original Message -----
> From: Arden Allen
> To: Old Tube Radios
> Sent: Tuesday, June 11, 2002 2:19 AM
> Subject: Re: Scariest commercial rig?
>
> Ha!
>
> > This got me thinking - which is the SCARIEST commercial rig
> > I've run into?  Hands down: the WRL Galaxy V SSB transceiver.
> > Flip open the hinged lid on the top, and there the finals are,
> > uncaged, with about a sixteenth inch gap between the tube caps
> > and the hinged cover.  800VDC, anyone?
> > The hinged cover doesn't even have a screw to hold it down -
> > Gravity was good enough.  No HV relay either, the 800V is there
> > whenever the rig is turned on.
>
> That was my first rig on the air when I got my ticky in '86.  Still got it too.  Oh yes, it has a death-trap door on top.  Every time I lift it to take a peak I can feel the current running through my body.  I just can't

figure out how I'll land.  Great little rig otherwise.

Arden  Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

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Message-Id: <3.0.6.32.20020611124244.008d9930@pop3.norton.antivirus>
Date: Tue, 11 Jun 2002 12:42:44 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Lynn Fisk <k5lyn@smithsys.net>
Subject: Ed Marriner, W6BLZ (W6XM)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings to the group.  It is only necessary to read through a few of the CQ and 73 magazines of the 1950s and 1960s to see that Ed Marriner, W6BLZ, (now W6XM), was one of the great writers and builders of those times.  He published articles on the construction of simple exciters, receivers and shack accessories in most every issue.  I recently built a crystal checker that he designed.

I have learned that Ed is still alive and well in a retirement facility in California, and we have corresponded.  I am a friend of his son, Harry.  I inquired of Ed, if any of the rigs he designed and built are known to survive today.  He mailed me a little antenna tuner that he had built, but indicated that he had given all the rest of his stuff to a club in California.

My question to the group is:  Does anyone have, or know of, the existence of any of Ed's old projects, either built by him, or based on his designs? I would like to see these preserved.

73, K5LYN.

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Message-ID: <3D0645A3.40000@mr.net>
Date: Tue, 11 Jun 2002 13:46:59 -0500
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: F/S SX-28
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Have a SX-28 for sale. $475.00 plus shipping.
Lites up, knobs present. Little clutch assembly not there. I'd call it overall an 8+.  Can get pics if you like. Have manual also.

Got a little Index Labs QRP rig ssb 5 watts plus cw. Cute $275.00 plus shipping. Have all the cables for various hook ups (outboard supply or batteries).
Bob

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End of BOATANCHORS Digest 3349
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